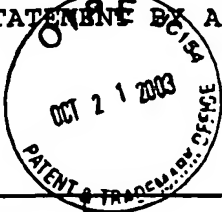


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Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT 				Application Number		10/647,170	
				Filing Date		August 21, 2003	
				First Named Inventor		Toshiyuki TAKABAYASHI	
				Group Art Unit		1711	
				Examiner Name		Berman	
Sheet	1	of	1	Attorney Docket Number		03487/HG	

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Exam. Inits*	Cite No ¹	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date M-DD-YYYY	Relevant Portion
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¹ Unique citation designation number. ² See kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Place a check here if English translation is attached.

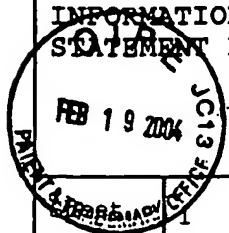
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		of	1	Attorney Docket Number			03487/HG

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			*English language Abstract & Claims					
			*English language Abstract Only					
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